

In the Claims

1. (original) A door lock control system, comprising:
 - a door mounted in a door frame;
 - a door lock associated with the door to lock and unlock the door;
 - control means to lock and unlock the door lock; and,
 - a vibration sensor associated with the control means, the control means causing the door lock to be unlocked when a vibration above a certain level is sensed by the vibration sensor.
2. (original) The door lock control system of claim 1, and further comprising:
 - the door lock is a magnetic lock.
3. (original) The door lock control system of claim 1, and further comprising:
 - the vibration sensed by the vibration sensor is an earthquake or a bomb explosion.
4. (original) The door lock control system of claim 1, and further comprising:

the vibration sensor includes a permanent magnetic connected to a pendulum, a magnetic contact positioned near the permanent magnet, and a relay switch.

5. (original) The door lock control system of claim 1, and further comprising:

the control means to lock and unlock the door lock further comprises:

a low voltage DC power source;

a backup battery;

a relay switch; and,

the vibration sensor.

6. (original) The door lock control system of claim 5, and further comprising:

the low voltage DC power source, the backup batter, the relay switch and the vibration sensor are all contained within a control box.

7. (original) The door lock control system of claim 6, and further comprising:

the control box is mounted at a location remote from small vibrations caused by the door.

8. (original) The door lock control system of claim 6, and further comprising:

the control box is mounted to a rigid wall or column remote from the door.

9. (currently amended) A method of controlling a lock on a door, comprising the steps of:

maintaining a door in a locked state;

monitoring for vibrations near the door;

determining if the monitored vibration is above a certain level; and,

unlocking the door if the vibration[[s]] is above the certain level.

10. (original) The method of controlling a lock on a door of claim 9, and further comprising the steps of:

the step of monitoring for vibrations includes monitoring for an earthquake or a bomb explosion.

11. (original) The method of controlling a lock on a door of claim 9, and further comprising the steps of:

the step of determining if the monitored vibration is above a certain level includes the step of determining if the vibration is above 0.1 g.

12. (original) A control box, comprising:

a box;

a door hinged to the box;

a DC power supply mounted in the box;

a backup battery mounted in the box;

a terminal and fuse board mounted in the box; and,

a vibration sensor mounted in the box.

13. (original) The control box of claim 12, and further comprising;

the DC power supply is a low voltage power supply.

14-24. (cancelled)

25. (new) The door lock control system of claim 1, further comprising:

a means for delaying the unlocking of a door by a pre-determined time, wherein when the vibration sensor detects the vibration above the certain level, the control means unlocks the door and overrides the means for delaying the unlocking of the door.